

ENTRA 2" NICHE

LED FIXED DOWNLIGHT

Entra 2" LED Fixed Niche Lights bring versatile and easy-to-install accent lighting to interior and exterior spaces. Available in both 12V and 120V versions, these units offer multiple color temperatures, and include both a 30° and 60° lens. Entra 2" LED Niche Lights are ideal for alcoves or built-in shelving, drawing attention to architectural details and improving overall illumination.

- Easy spring-action installation
- Round or Square Ceiling Appearance
- 30° and 60° interchangeable optics (all included)
- 12V or 120V (line-voltage)

SPECIFICATIONS

| | |
|-----------------------|---|
| DELIVERED LUMENS | 480 lms |
| WATTS | 12V: 7.5W 120V: 6W |
| EFFICACY | 12V: 64 lms/W 120V: 80 lms/W |
| CRI | 90 |
| CBCP | 60°: 484 |
| CCT OPTIONS | 2700K, 3000K, 3500K |
| COLOR CONSISTENCY | 3-Step |
| VOLTAGE | 12V ¹ or 120V |
| DIMMING ² | 12V (ELV only) Down to 5% 120V (ELV/Triac) Down to 5% |
| POWER SUPPLY | Constant current driver with $\geq .9$ power factor and $>80\%$ efficiency |
| OPTICS | 30°, 60° (Both included) |
| CEILING APPEARANCE | Flanged (Accommodates 1/2" to 1" ceiling thickness) |
| CEILING APERTURE | 2-3/8" ceiling cut-out |
| HOUSING | IC Airtight |
| CONSTRUCTION | Steel/Aluminum |
| FINISH | Antique Bronze, White |
| GENERAL LISTING | ETL listed. Wet listed. |
| CALIFORNIA TITLE 24 | Registered CEC Appliance Database. Can be used to comply with CEC 2016 Title 24 Part 6. |
| LED LIFETIME | L70; 50,000 hours |
| WARRANTY ³ | 5 years |

¹Must order 12V transformer (sold separately).

²Entra LED Niche Lights perform best with electronic transformers and electronic low-voltage (ELV) dimmers.

³Visit techlighting.com for specific warranty limitations and details.



shown in round fixed white 12V



shown in square fixed antique bronze 120V

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GRIDS

HOUSING

| PRODUCT SERIES | LAMP | CRI | TEMPERATURE | BEAM | FUNCTION | HOUSING RATING | VOLTAGE | FINISH |
|-----------------------------|---------|----------|----------------------|-------------------------|----------|----------------|---------------------|------------------|
| ENN2R ENTRA NICHE 2" ROUND | -LO LED | 9 90 CRI | 27 2700K | A 30°, 60° ¹ | D FIXED | I IC AIRTIGHT | 12 12V ² | W WHITE |
| ENN2S ENTRA NICHE 2" SQUARE | | | 30 3000K 35 3500K | | | | 120 120V | Z ANTIQUE BRONZE |
| | -LO | 9 | | A | D | I | | |

¹ENTRA LED NICHE LIGHT SHIPS WITH 30° OPTIC INSTALLED. INCLUDES 60° OPTIC AS WELL.

²ENTRA 12V LED NICHE LIGHTS PERFORM BEST WITH ELECTRONIC TRANSFORMERS AND ELV DIMMERS. PLEASE ORDER THE ENTRA REMOTE TRANSFORMER TO PAIR WITH YOUR 12V NICHE LIGHT SYSTEM.

TRANSFORMERS¹ (ORDERED SEPARATELY)

| ITEM | DESCRIPTION | DIMMING |
|-------------------|-----------------------|---------|
| 700AT060EL | ELECTRONIC, 60W, 120V | ELV |
| 700AT060EL | | |

DO NOT LOAD TRANSFORMER ABOVE 70% OF RATED LOAD DUE TO IN-RUSH CURRENT.

¹CONSULT SPEC SHEET FOR DIMENSIONS.

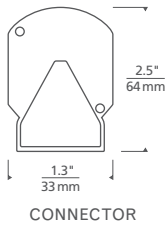
CONNECTOR CAP

| PRODUCT SERIES |
|--|
| ENNCONCP MC CONNECTOR CAP ¹ |
| ENNCONCP |

¹ACCESS ABOVE CEILING IS REQUIRED TO USE CONNECTOR CAP

ACCESSORY

CONNECTOR CAP (ENNCONCP)



Use in lieu of existing cap on top of Entra Niche lights for Romex and MC connectors. Access above ceiling is required to use connector cap.

PROJECT INFO

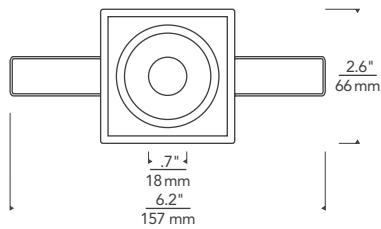
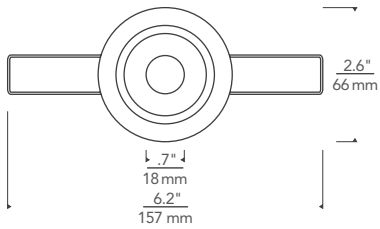
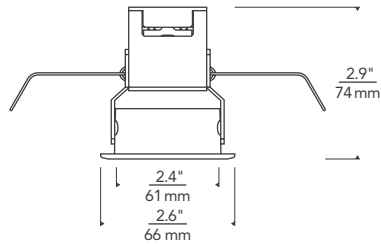
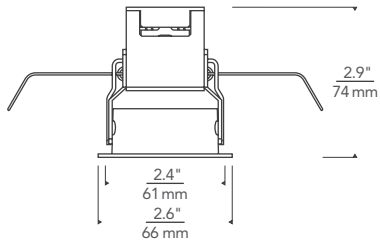
| FIXTURE TYPE & QUANTITY | JOB NAME & INFO | NOTES |
|-------------------------|-----------------|-------|
| | | |
| | | |



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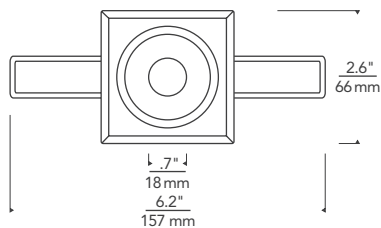
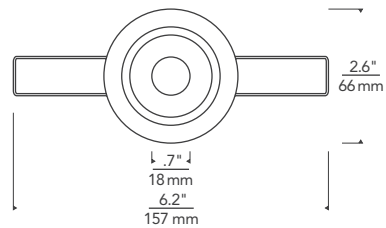
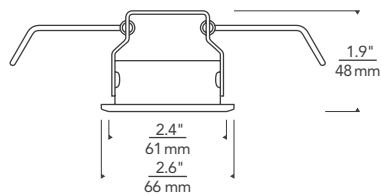
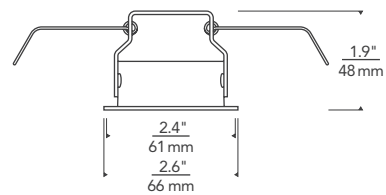
HOUSING - 12V



FIXED ROUND

FIXED SQUARE

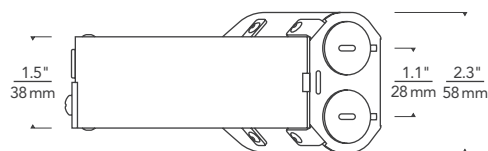
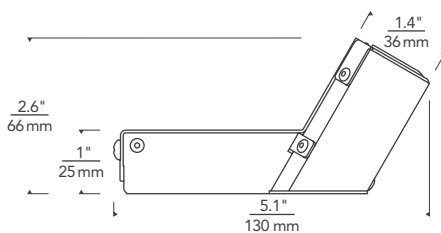
HOUSING - 120V



FIXED ROUND

FIXED SQUARE

JUNCTION BOX - 120V ONLY (INCLUDED)



ENTRA 2" NICHE

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PHOTOMETRICS: ENTRA NICHE LED FIXED DOWNLIGHT

DESCRIPTION: ENTRA LED Niche Lights
60° Beam, 3000K
MODEL: ENTRA LED Niche

INPUT POWER (WATTS): 5.9
INPUT POWER FACTOR: 0.63
ABSOLUTE LUMINOUS FLUX (LUMENS): 483.4
LUMEN EFFICACY (LUMENS PER WATT): 82

DESCRIPTION: ENTRA LED Niche Lights
30° Beam, 3000K
MODEL: ENTRA LED Niche

INPUT POWER (WATTS): 5.8
INPUT POWER FACTOR: 0.63
ABSOLUTE LUMINOUS FLUX (LUMENS): 431
LUMEN EFFICACY (LUMENS PER WATT): 74

| ANGLE | 0° | 45° | 90° |
|-------|-----|-----|-----|
| 0° | 484 | 484 | 484 |
| 5° | 478 | 480 | 478 |
| 10° | 464 | 463 | 459 |
| 15° | 436 | 435 | 457 |
| 20° | 397 | 392 | 384 |
| 25° | 343 | 332 | 325 |
| 30° | 270 | 254 | 251 |
| 35° | 185 | 171 | 170 |
| 40° | 106 | 98 | 97 |
| 45° | 55 | 50 | 50 |
| 50° | 30 | 28 | 28 |
| 55° | 19 | 17 | 17 |
| 60° | 10 | 9 | 9 |
| 65° | 4 | 4 | 4 |
| 70° | 2 | 1 | 1 |
| 75° | 1 | 0 | 0 |
| 80° | 0 | 0 | 0 |
| 85° | 0 | 0 | 0 |
| 90° | 0 | 0 | 0 |

| ANGLE | 0° | 45° | 90° |
|-------|-----|-----|-----|
| 0° | 882 | 882 | 882 |
| 5° | 840 | 832 | 836 |
| 10° | 684 | 665 | 675 |
| 15° | 486 | 467 | 477 |
| 20° | 331 | 317 | 324 |
| 25° | 218 | 207 | 211 |
| 30° | 143 | 134 | 138 |
| 35° | 96 | 92 | 95 |
| 40° | 70 | 68 | 69 |
| 45° | 52 | 50 | 52 |
| 50° | 37 | 36 | 37 |
| 55° | 24 | 22 | 23 |
| 60° | 10 | 9 | 9 |
| 65° | 6 | 6 | 5 |
| 70° | 4 | 3 | 3 |
| 75° | 0 | 0 | 0 |
| 80° | 0 | 0 | 0 |
| 85° | 0 | 0 | 0 |
| 90° | 0 | 0 | 0 |

